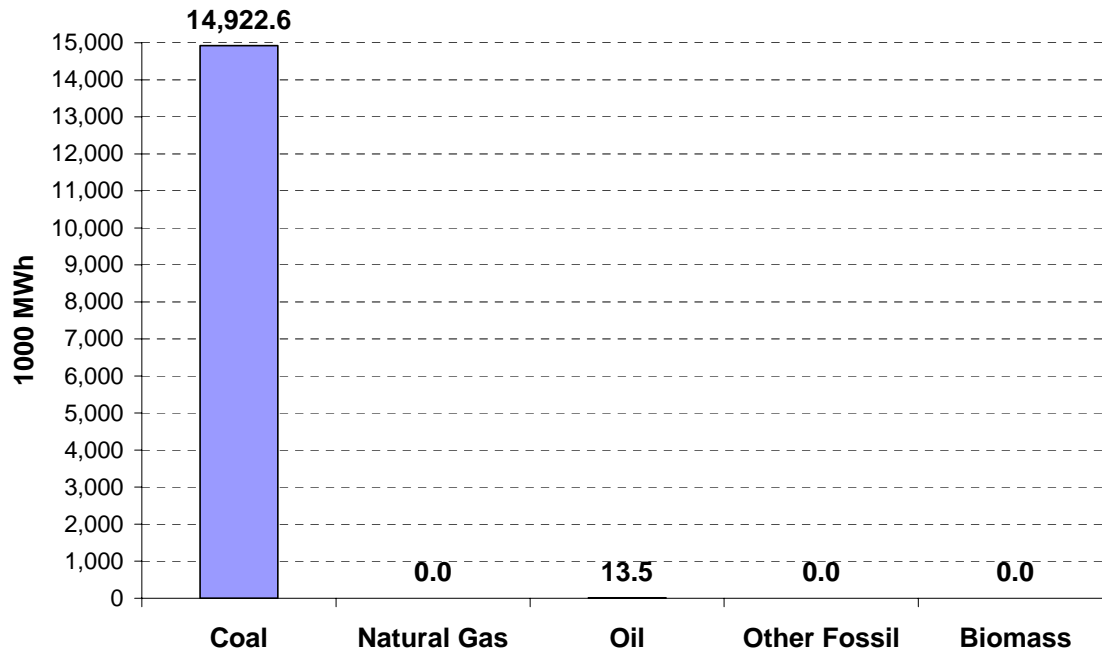




**Missouri  
Department of  
Natural Resources**

**Labadie Power Plant, AmerenUE -  
Power generated in 2000 from fossil fuels & biomass**



**Emissions of criteria pollutants, CO<sub>2</sub> and Mercury – 2000**

|                                     |          | Total<br>emitted | Output-based rate<br>(units per MWh) | Input-based rate<br>(units per mmBTU) |
|-------------------------------------|----------|------------------|--------------------------------------|---------------------------------------|
| NO <sub>x</sub> - Annual            | (Tons)   | 9,179            | 1.229                                | 0.12                                  |
| NO <sub>x</sub> – May 1 to Sept. 30 | (Tons)   | 3,873            | 1.26                                 | 0.12                                  |
| Sulfur dioxide (SO <sub>2</sub> )   | (Tons)   | 39,293           | 5.26                                 | 0.50                                  |
| Carbon Dioxide (CO <sub>2</sub> )   | (Tons)   | 16,069,898       | 2,152                                | 205.20                                |
| Mercury (HG <sub>3</sub> )          | (Pounds) | 737.009          | 0.0493                               | 0.0047                                |

**Toxic Releases – 2001**

|                          |          |           |
|--------------------------|----------|-----------|
| Hazardous Air Pollutants | (Pounds) | 1,072,640 |
| Toxic releases – Land    | (Pounds) | 513,301   |
| Toxic releases – Water   | (Pounds) | 40,707    |

**Data sources**

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:  
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>  
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

**Definitions**

|                 |                                    |
|-----------------|------------------------------------|
| NO <sub>x</sub> | Oxides of Nitrogen                 |
| MWh             | Megawatthours (1000 kilowatthours) |
| mmBtu           | Million British Thermal Units      |